



## LED-DIMTRAFO FDIM 12V 50W

Powerful dimmer trafo for 12 and 24V LED strips. Perfect for phase dimming of LED strip single colour via rotary dimmer Memory function which lights up with latest set value after power failure.

### DESCRIPTION

<b>GTIN:</b>	7392971146331
<b>Item Name:</b>	LED-dimtrafo FDIM 12V 50W
<b>Warranty:</b>	5 years

### LIGHT TECHNICAL DATA

<b>Life Time Driver:</b>	50 000h/15%
<b>Flicker (PstLM):</b>	0,06
<b>Stroboscopic effect (SVM):</b>	0,4

### TECHNICAL DATA

<b>Voltage (type):</b>	AC
<b>Voltage Interval (V):</b>	220...240V
<b>Voltage Nominal (V):</b>	230
<b>Line Frequency (Hz):</b>	50, 60

## OPERATION AND CONNECTION

<b>Dimmable:</b>	Yes
<b>Type of Dimming:</b>	Trailing Edge
<b>Driver Model:</b>	Constant Voltage
<b>Driver Type:</b>	Stand Alone
<b>Connection (type):</b>	Screw Terminals
<b>Connection (mm2):</b>	2x0,5-2,5
<b>Through Wiring:</b>	Yes
<b>Secondary Connection (mm2):</b>	2x0,5-2,5
<b>Secondary Outputs (pair):</b>	2
<b>Power Factor <math>\lambda</math>:</b>	0,9
<b>Efficiency (%):</b>	80
<b>Power loss (W):</b>	8,1
<b>Leakage current (mA) (at 230 V, 50 Hz, full load):</b>	0,5
<b>Power Interval for Catalogue (W):</b>	10-50
<b>Max. Power (W):</b>	50
<b>Standby Power:</b>	1
<b>Max. Load Per Output (W):</b>	50
<b>Current (A):</b>	4,58
<b>Min. Ta (°C):</b>	-20
<b>Max. Ta (°C):</b>	45
<b>Max. Tc (°C):</b>	80
<b>Dimming secondary side:</b>	PWM
<b>Memory Function Power Failure:</b>	Yes
<b>Protection Against:</b>	Short Circuit, Overheating 90°C, Overload
<b>Inrush current (max/time):</b>	12A 240 $\mu$ s
<b>Mains surge protection DM (kV):</b>	1
<b>Fuse B10 (pcs):</b>	19
<b>Fuse B16 (pcs):</b>	31
<b>Fuse C10 (pcs):</b>	22
<b>Fuse C16 (pcs):</b>	37

## COLOR AND MATERIAL

<b>Material:</b>	Plastic
<b>Color:</b>	White
<b>Environmental Assessment:</b>	Byggvarubedömningen

## MEASUREMENT AND INSTALLATION

<b>Operating Environment:</b>	Indoor / dry locations
<b>IP Degree of Protection:</b>	20
<b>Protection Class:</b>	II
<b>Installation:</b>	Surface mounted
<b>Mounting Installation:</b>	Screw Mounting
<b>Fire Safety Marks:</b>	MM-mark
<b>Approval Marks:</b>	CE
<b>Filament Test IEC 695-2-1(°C):</b>	650
<b>Length (mm):</b>	210
<b>Width (mm):</b>	50
<b>Height (mm):</b>	32
<b>Weight (kg):</b>	0,3
<b>Built-in <math>\varnothing</math> (mm):</b>	58mm

